

Integrated Design Tools Save Time, Money



Langley Research Center

***Phoenix Integration Inc.
Wayne, Pennsylvania***

NASA Technology

- ◆ NASA employs many design tools to enhance flight and provide data to engineers; however, the programs don't always communicate with each other
- ◆ NASA wanted a way to integrate its flight design tools into one complex system



Partnership

- ◆ A Small Business Innovation Research (SBIR) program contract was awarded to Phoenix Integration, an established industry leader
- ◆ Through SBIRs, Phoenix Integration modified its process and design software for use in flight
- ◆ Ongoing development brings more advanced integration tools to NASA and commercial clients

Benefits

- ◆ The partnership resulted in the PHX ModelCenter, a graphical environment for process integration and design automation
- ◆ The tool lowers costs for NASA and commercial clients by allowing engineers to spend less time on programming and more time on design
- ◆ The software is used by over 1,000 engineers in 100 locations